

**MUNICIPAL LIGHT PLANTS**  
**The Commonwealth of Massachusetts**

**RETURN**  
**OF THE**  
**Municipal Light Plant of**  
**THE CITY OF PEABODY**

**DEPARTMENT OF**  
**PUBLIC UTILITIES**  
**OF MASSACHUSETTS**

**For The Year Ending December 31**  
**2013**

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## GENERAL INFORMATION

1. Name of town (or city) making report.	City of Peabody
2. If the town (or city) has acquired a plant, Kind of plant, whether gas or electric.	Electric
Owner from whom purchased, if so acquired.	
Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws.	
Record of votes: First vote: Yes,    ; No,    Second vote: Yes,    ; No,	
Date when town (or city) began to sell gas and electricity,	1891
3. Name and address of manager of municipal lighting: Glenn R. Truiera	17 Long Bow Rd. Danvers, MA
4. Name and address of mayor or selectman: Edward A. Bettencourt, Jr.	1 America Dr. Peabody, MA
5. Name and address of town (or city) treasurer: Jeanne Carnevale	82 Fairview Ave. Peabody, MA
6. Name and address of town (or city) clerk: Timothy Spanos	7 Highland Pk. Peabody, MA
7. Names and addresses of members of municipal light board: William Aylward Charles Bonfanti Thomas D'Amato Thomas Paras Robert Wheatley	3 Bradford Rd. 15 Longstreet Rd. 14 Samoset Rd. 123 Winona St. 19 Southwick Ave.
8. Total valuation of estates in town (or city) according to last State Valuation	\$5,997,439,017
9. Tax rate for all purposes during the year:	12.40
10. Amount of manager's salary:	\$163,200
11. Amount of manager's bond:	\$100,000
12. Amount of salary paid to members of municipal light board (each)	\$4,000

CUSTOMERS			
Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities or towns in which the plant supplies ELECTRICITY , with the number of customers' meters in each	
City or Town	Number of Customers Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31
		Peabody	23,704
		Lynnfield	2,121
TOTAL		TOTAL	25,825

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

**Appropriations Since Beginning of Year**

(Include also all items charged direct to tax levy, even where no appropriation is made or required.)

## FOR CONSTRUCTION OR PURCHASE OF PLANT:

*At	meeting	19	to be paid from +
*At	meeting	19	to be paid from +

TOTAL

## FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:

1. Street Lights	\$528,540.85
2. Municipal Buildings	2,007,807.24
TOTAL	\$2,536,348.09

\*Date of meeting and whether regular or special. +Here insert bonds, notes or tax levy

**CHANGES IN PROPERTY**

1. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property returned.

In electric property:

No significant physical change in the property.

In gas property:

BONDS							
(Issued on Account of Gas or Electric Lighting)							
When Authorized	Date of Issue	Amount of Original Issues	Period of Payments		Rate	Interest	
			Amounts	When Payable		When Payable	Amount Outstanding At end of Year
REG 02-13-75	04-01-76	2,400,000					
REG 03-01-90	03-13-90	3,410,000					
REG 08-01-91	08-01-91	2,825,000					
REG 10-01-93	10-05-93	6,325,000					
REG 08-01-97	08-01-97	7,920,000					
TOTAL		22,880,000				TOTAL	0



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

TOTAL COST OF PLANT - ELECTRIC (Continued)						
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)
1	<b>4. DISTRIBUTION PLANT</b>					
2	360 Land and Land Rights	192,974.79				192,974.79
3	361 Structures and Improvements	2,735,897.23	36,794.27			2,772,691.50
4	362 Station Equipment	6,852,242.03	51,492.99			6,903,735.02
5	363 Storage Battery Equipment	0.00				0.00
6	364 Poles, Towers and Fixtures	9,236,494.09	225,179.36	-875.45		9,460,798.00
7	365 Overhead Conductors and Devices	17,906,397.26	232,710.76			18,139,108.02
8	366 Underground Conduits	840,614.83	12,283.10			852,897.93
9	367 Underground Conductors & Devices	1,650,958.81	70,155.13			1,721,113.94
10	368 Line Transformers	10,057,417.75	32,370.87	-36,022.32		10,053,766.30
11	369 Services	1,119,177.00	44,607.84			1,163,784.84
12	370 Meters	2,974,989.81	38,001.64			3,012,991.45
13	371 Installation on Cust's Premises	0.00				0.00
14	372 Leased Prop. on Cust's Premises	0.00				0.00
15	373 Street Light and Signal Systems	2,186,285.51	1,670.49			2,187,956.00
15A	374 Electronic Meter Read Device	21,009.07				21,009.07
16	Total Distribution Plant	55,774,458.18	745,266.45	-36,897.77	0.00	56,482,826.86
17	<b>5. GENERAL PLANT</b>					
18	389 Land and Land Rights	0.00				0.00
19	390 Structures and Improvements	8,317,091.42	40,811.83			8,357,903.25
20	391 Office Furniture and Equipment	2,573,092.18	275,326.12			2,848,418.30
21	392 Transportation Equipment	2,193,218.84	354,417.00	-87,975.00		2,459,660.84
22	393 Stores Equipment	35,773.39				35,773.39
23	394 Tools, Shop and Garage Equipment	143,216.96	2,087.73			145,304.69
24	395 Laboratory Equipment	780,337.29	1,269.79			781,607.08
25	396 Power Operated Equipment	0.00				0.00
26	397 Communication Equipment	106,081.54	4,338.00			110,419.54
27	398 Miscellaneous Equipment	10,400.30				10,400.30
28	399 Other Tangible Property	0.00				0.00
29	Total General Plant	14,159,211.92	678,250.47	-87,975.00	0.00	14,749,487.39
30	Total Electric Plant in Service	100,332,413.65	1,432,218.53	-124,872.77	0.00	101,639,759.41
31					TOTAL COST OF PLANT	101,639,759.41
32					Less Amount Fully Depreciated	-7,590,717.52
33					Less Cost of Land, Land Rights, Rights of Way	-370,234.67
34					Total Cost Upon Which Depreciation is Based	93,678,807.22

The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

COMPARATIVE BALANCE SHEET Assets and Other Debits				
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	<b>UTILITY PLANT</b>			
2	101 Utility Plant - Electric (P. 17)	37,083,645.86	35,790,136.98	-1,293,508.88
3	101 Utility Plant - Gas (P.20)			
4				
5	<b>Total Utility Plant</b>	<b>37,083,645.86</b>	<b>35,790,136.98</b>	<b>-1,293,508.88</b>
6				
7				
8				
9				
10				
11	<b>FUND ACCOUNTS</b>			
12	125 Sinking Funds	0.00	0.00	0.00
13	126 Depreciation Fund (P. 14)	7,360,934.87	8,509,518.89	1,148,584.02
14	128 Other Special Funds	28,748,059.12	31,105,670.96	2,357,611.84
15	<b>Total Funds</b>	<b>36,108,993.99</b>	<b>39,615,189.85</b>	<b>3,506,195.86</b>
16	<b>CURRENT AND ACCRUED ASSETS</b>			
17	131 Cash (P. 14)	7,687,576.18	11,247,375.28	3,559,799.10
18	132 Special Deposits	2,940,024.35	2,767,911.66	-172,112.69
19	135 Working Funds	3,000.00	3,000.00	0.00
20	141 Notes Receivable	0.00	0.00	0.00
21	142 Customer Accounts Receivable	6,333,819.00	6,507,433.85	173,614.85
22	143 Other Accounts Receivable	606,175.02	613,118.17	6,943.15
23	146 Receivables from Municipality	0.00	0.00	0.00
24	151 Materials and Supplies (P. 14)	1,090,363.38	1,270,030.56	179,667.18
25				
26	165 Prepayments	3,049,629.57	2,710,099.22	-339,530.35
27	174 Miscellaneous Current Assets	0.00	0.00	0.00
28	<b>Total Current and Accrued Assets</b>	<b>21,710,587.50</b>	<b>25,118,968.74</b>	<b>3,408,381.24</b>
29	<b>DEFERRED DEBITS</b>			
30	181 Unamortized Debt Discount	0.00	0.00	0.00
31	182 Extraordinary Property Losses	0.00	0.00	0.00
32	185 Other Deferred Debits	0.00	0.00	0.00
33	<b>Total Deferred Debits</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
34				
35	<b>Total Assets and Other Debits</b>	<b>94,903,227.35</b>	<b>100,524,295.57</b>	<b>5,621,068.22</b>

Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

COMPARATIVE BALANCE SHEET Liabilities and Other Credits				
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	<b>APPROPRIATIONS</b>			
2	201 Appropriations for Construction	0.00	0.00	0.00
3	<b>SURPLUS</b>			
4	205 Sinking Fund Reserves	0.00	0.00	0.00
5	206 Loans Repayments	21,240,000.00	21,240,000.00	0.00
6	207 Appropriations for Construction Repayments	0.00	0.00	0.00
7	208 Unappropriated Earned Surplus (P.12)	32,525,171.58	34,145,990.77	1,620,819.19
8	<b>Total Surplus</b>	53,765,171.58	55,385,990.77	1,620,819.19
9	<b>LONG TERM DEBT</b>			
10	221 Bonds (P.6)	0.00	0.00	0.00
11	231 Notes Payable (P.7)	0.00	0.00	0.00
12	<b>Total Bonds and Notes</b>	0.00	0.00	0.00
13	<b>CURRENT AND ACCRUED LIABILITIES</b>			
14	232 Accounts Payable	4,907,544.74	5,638,433.36	730,888.62
15	234 Payables to Municipality	15,000.00	15,000.00	0.00
16	235 Customer' Deposits	2,940,024.35	2,767,911.66	-172,112.69
17	236 Taxes Accrued	0.00	0.00	0.00
18	237 Interest Accrued	0.00	0.00	0.00
19	242 Miscellaneous Current and Accrued Liabilities	0.00	0.00	0.00
20	<b>Total Current and Accrued Liabilities</b>	7,862,569.09	8,421,345.02	558,775.93
21	<b>DEFERRED CREDITS</b>			
22	251 Unamortized Premium on Debt	0.00	0.00	0.00
23	252 Customer Advances for Construction	0.00	0.00	0.00
24	253 Other Deferred Credits	0.00	0.00	0.00
25	<b>Total Deferred Credits</b>	0.00	0.00	0.00
26	<b>RESERVES</b>			
27	260 Reserves for Uncollectable Accounts	175,000.00	175,000.00	0.00
28	261 Property Insurance Reserve	3,610,750.19	4,348,213.82	737,463.63
29	262 Injuries and Damages Reserves	0.00	0.00	0.00
30	263 Pensions and Benefits	4,777,080.51	5,484,561.54	707,481.03
31	265 Miscellaneous Operating Reserves	24,712,655.98	26,709,184.42	1,996,528.44
32	<b>Total Reserves</b>	33,275,486.68	36,716,959.78	3,441,473.10
33	<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
34	271 Contributions in Aid of Construction	0.00	0.00	0.00
35	<b>Total Liabilities and Other Credits</b>	94,903,227.35	100,524,295.57	5,621,068.22

State below if any earnings of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof.

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	TOTAL	
		Current Year (b)	Increase or Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenue (P.37 and 43)	62,750,510.20	2,447,216.08
3	<b>Operating Expenses:</b>		
4	401 Operation Expense (P.42 and 47)	56,073,972.02	3,228,671.95
5	402 Maintenance Expense (P.42 and 47)	1,734,121.96	225,911.17
6	403 Depreciation Expense	2,685,606.79	78,533.38
7	407 Amortization of Property Losses	0.00	0.00
8	411 Loss on Disposal	40,120.56	34,796.85
9	408 Taxes (P.49)	0.00	0.00
10	Total Operating Expenses	60,533,821.33	3,567,913.35
11	Operating Income (Loss)	2,256,809.43	-1,080,576.71
12	414 Other Utility Operating Income (P.50)	0.00	0.00
13			
14	Total Operating Income (Loss)	2,216,688.87	-1,120,697.27
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing & Contract Work (P.51)	584,525.55	232,270.19
17	419 Interest Income	552,215.68	-35,536.16
18	421 Miscellaneous Nonoperating Income	949,678.02	-166,182.46
19	Total Other Income	2,086,419.25	30,551.57
20	Total Income (Loss)	4,303,108.12	-1,090,145.70
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization	0.00	0.00
23	426 Other Income Deductions	0.00	0.00
24	Total Income Deductions	0.00	0.00
25	Income Before Interest Charges	4,303,108.12	-1,090,145.70
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes	0.00	0.00
28	428 Amortization of Debt Discount and Expense	0.00	0.00
29	429 Amortization of Premium on Debt - Credit	0.00	0.00
30	431 Other Interest Expense	406.55	406.55
31	432 Interest Charged to Construction-Credit	0.00	
32	Total Interest Charges	406.55	406.55
33	<b>NET INCOME (LOSS)</b>	4,302,701.57	-1,090,552.25
	<b>EARNED SURPLUS</b>		
Line No.	(a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)	0.00	33,072,281.33
35			
36			
37	433 Balance Transferred from Income		4,302,701.57
38	434 Miscellaneous Credits to Surplus		7,329,097.79
39	435 Miscellaneous Debits to Surplus	10,063,089.92	
40	436 Appropriations of Surplus (P.21)	495,000.00	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	34,145,990.77	
43			
44	<b>TOTALS</b>	44,704,080.69	44,704,080.69

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

CASH BALANCES AT END OF YEAR (Account 131)			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	11,247,375.28	
2	Interest Fund	0.00	
3	Bond Fund	0.00	
4	Construction Fund	0.00	
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	11,247,375.28	
MATERIALS AND SUPPLIES (Accounts 151-159, 163) Summary per Balance Sheet			
Line No.	(a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151 ) (See Schedule, Page 25)	671,027.94	
14	Fuel Stock Expenses (Account 152)	0.00	
15	Residuals (Account 153)	0.00	
16	Plant Materials and Operating Supplies (Account 154)	599,002.62	
17	Merchandise (Account 155)	0.00	
18	Other Materials and Supplies (Account 156)	0.00	
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)	0.00	
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)	0.00	
21	Nuclear Byproduct Materials (Account 159)	0.00	
22	Stores Expense (Account 163)	0.00	
23	Total Per Balance Sheet	1,270,030.56	
DEPRECIATION FUND ACCOUNT (Account 136)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	7,360,934.87	
26	Income during year from balance on deposit	30,629.48	
27	Amount transferred from income	2,654,977.37	
28	Refunds, Insurance reimbursements		
29	TOTAL	10,046,541.72	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	1,537,022.83	
32	Amounts expended for renewals,viz:-		
33			
34			
35			
36			
37			
38			
39	Balance on hand at end of year	8,509,518.89	
40	TOTAL	10,046,541.72	

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

UTILITY PLANT - ELECTRIC							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT	0.00					0.00
2							
3							
4							
5	2. PRODUCTION PLANT A. Steam Production 310 Land & Land Rights 311 Structures and Improvements 312 Boiler Plant Equipment 313 Engines & Engine Driven Generators 314 Turbogenerator Units 315 Accessory Electric Equipment 316 Miscellaneous Power Plant Equipment Total Steam Production Plant B. Nuclear Production Plant 320 Land & Land Rights 321 Structures & Improvements 322 Reactor Plant Equipment 323 Turbogenerator Units 324 Accessory Electric Equipment 325 Miscellaneous Power Plant Equipment Total Nuclear Production Plant						
6							0.00
7		0.00					0.00
8		0.00					0.00
9		0.00					0.00
10		0.00					0.00
11		0.00					0.00
12		0.00					0.00
13		0.00					0.00
14		0.00					0.00
15		0.00					0.00
16		0.00					0.00
17		0.00					0.00
18		0.00					0.00
19		0.00					0.00
20		0.00					0.00
21	0.00					0.00	
22	0.00					0.00	
23	0.00					0.00	

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

UTILITY PLANT - ELECTRIC (Continued)						
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Balance End of Year (g)
1	<b>C. Hydraulic Production Plant</b>					
2	330 Land and Land Rights	0.00	0.00	0.00	0.00	0.00
3	331 Structures and Improvements	0.00	0.00	0.00	0.00	0.00
4	332 Reservoirs, Dams and Waterways	0.00	0.00	0.00	0.00	0.00
5	333 Water Wheels, Turbines and Generators	0.00	0.00	0.00	0.00	0.00
6	334 Accessory Electric Equipment	0.00	0.00	0.00	0.00	0.00
7	335 Miscellaneous Power Plant Equipment	0.00	0.00	0.00	0.00	0.00
8	336 Roads, Railroads and Bridges	0.00	0.00	0.00	0.00	0.00
9	<b>Total Hydraulic Production Plant</b>	0.00	0.00	0.00	0.00	0.00
10	<b>D. Other Production Plant</b>					
11	340 Land and Land Rights	177,259.88	0.00	0.00	0.00	177,259.88
12	341 Structures and Improvements	0.00	0.00	0.00	0.00	0.00
13	342 Fuel Holders, Producers and Accessories	427,618.73	0.00	-50,419.92	0.00	377,198.81
14	343 Prime Movers	6,721,976.06	8,701.61	-595,583.28	0.00	6,135,094.39
15	344 Generators	0.00	0.00	0.00	0.00	0.00
16	345 Accessory Electric Equipment	4,028.47	0.00	-929.52	0.00	3,098.95
17	346 Miscellaneous Power Plant Equipment	4,513.28	0.00	-711.60	0.00	3,801.68
18	<b>Total Other Production Plant</b>	7,335,396.42	8,701.61	-647,644.32	0.00	6,696,453.71
19	<b>Total Production Plant</b>	7,335,396.42	8,701.61	-647,644.32	0.00	6,696,453.71
20	<b>3. TRANSMISSION PLANT</b>					
21	350 Land and Land Rights	0.00	0.00	0.00	0.00	0.00
22	351 Clearing Land and Rights of Way	0.00	0.00	0.00	0.00	0.00
23	352 Structures and Improvements	291,599.84	0.00	-28,056.72	0.00	263,543.12
24	353 Station Equipment	0.00	0.00	0.00	0.00	0.00
25	354 Towers and Fixtures	19,743.60	0.00	0.00	0.00	19,743.60
26	355 Poles and Fixtures	-7,290.00	0.00	-1,215.00	0.00	-8,505.00
27	356 Overhead Conductors and Devices	39,606.91	0.00	-2,007.00	0.00	37,599.91
28	357 Underground Conduits	0.00	0.00	0.00	0.00	0.00
29	358 Underground Conductors and Devices	0.00	0.00	0.00	0.00	0.00
30	359 Roads and Trails	3,736.38	0.00	0.00	0.00	3,736.38
31	<b>Total Transmission Plant</b>	347,396.73	0.00	-31,278.72	0.00	316,118.01

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

UTILITY PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	184,537.83	0.00	-204.12	0.00	0.00	184,333.71
3	361 Structures and Improvements	1,321,667.88	36,794.27	-82,076.90	0.00	0.00	1,276,385.25
4	362 Station Equipment	5,070,837.91	51,492.99	-205,567.29	0.00	0.00	4,916,763.61
5	363 Storage Battery Equipment	0.00	0.00	0.00	0.00	0.00	0.00
6	364 Poles, Towers and Fixtures	2,799,091.72	225,179.36	-277,094.78	-875.45	875.45	2,747,176.30
7	365 Overhead Conductors and Devices	7,228,205.41	232,710.76	-537,191.90	0.00	0.00	6,923,724.27
8	366 Underground Conduits	464,734.71	12,283.10	-25,218.46	0.00	0.00	451,799.35
9	367 Underground Conductors & Devices	693,834.11	70,155.13	-49,528.78	0.00	0.00	714,460.46
10	368 Line Transformers	4,856,173.19	32,370.87	-301,722.50	-36,022.32	36,022.32	4,586,821.56
11	369 Services	148,264.92	44,607.84	-33,575.29	0.00	0.00	159,297.47
12	370 Meters	66,579.83	38,001.64	-67,210.08	0.00	0.00	37,371.39
13	371 Installation on Cust's Premises	0.00	0.00	0.00	0.00	0.00	0.00
14	372 Leased Prop. on Cust's Premises	0.00	0.00	0.00	0.00	0.00	0.00
15	373 Street Light and Signal Systems	2,517.37	1,670.49	-2,517.36	0.00	0.00	1,670.50
16	374 Electric Meter Read Device	30,037.94	0.00	0.00	0.00	0.00	30,037.94
16	Total Distribution Plant	22,866,482.82	745,266.45	-1,581,907.46	-36,897.77	36,897.77	22,029,841.81
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0.00	0.00	0.00	0.00	0.00	0.00
19	390 Structures and Improvements	3,142,493.03	40,811.83	-249,512.75	0.00	0.00	2,933,792.11
20	391 Office Furniture and Equipment	1,352,460.04	275,326.12	-77,192.85	0.00	0.00	1,550,593.31
21	392 Transportation Equipment	1,534,095.92	354,417.00	-65,796.59	-87,975.00	47,854.44	1,782,595.77
22	393 Stores Equipment	11,166.28	0.00	-1,073.16	0.00	0.00	10,093.12
23	394 Tools, Shop and Garage Equipment	76,770.46	2,087.73	-4,296.48	0.00	0.00	74,561.71
24	395 Laboratory Equipment	398,778.51	1,269.79	-23,410.10	0.00	0.00	376,638.20
25	396 Power Operated Equipment	3,346.40	0.00	0.00	0.00	0.00	3,346.40
26	397 Communication Equipment	13,987.17	4,338.00	-3,182.42	0.00	0.00	15,142.75
27	398 Miscellaneous Equipment	1,272.08	0.00	-312.00	0.00	0.00	960.08
28	399 Other Tangible Property	0.00	0.00	0.00	0.00	0.00	0.00
29	Total General Plant	6,534,369.89	678,250.47	-424,776.35	-87,975.00	47,854.44	6,747,723.45
30	Total Electric Plant in Service	37,063,645.86	1,432,218.53	-2,685,606.85	-124,872.77	84,752.21	35,790,136.98
31	104 Utility Plant Leased to Others	0.00	0.00	0.00	0.00	0.00	0.00
32	105 Property Held for Future Use	0.00	0.00	0.00	0.00	0.00	0.00
33	107 Construction Work in Progress	0.00	0.00	0.00	0.00	0.00	0.00
34	Total Utility Plant Electric	37,063,645.86	1,432,218.53	-2,685,606.85	-124,872.77	84,752.21	35,790,136.98

PRODUCTION FUEL AND OIL STOCKS (included in account 151)												
Except Nuclear Materials												
1. Report below the information called for concerning production fuel and oil stocks												
2. Show quantities in tons of 2,000 lbs., gals. or MCF whichever unit of quantity is applicable												
3. Each kind of coal or oil should be shown separately												
4. Show gas and electric fuels separately by specific use												
Line No	Item (a)	TOTAL COST (b)	KINDS OF FUEL AND OIL				QUANTITY (e)	COST (d)	COST (f)			
			Gas Turbine	QUANTITY (c)	COST (d)	COST (f)						
1	On hand beginning of year	482,456.21		148,892	482,456.21							
2	Received during year	476,565.91		150,532	476,565.91							
3	TOTAL	959,022.12		299,424	959,022.12							
4	Used during year (Note A)	287,994.18		90,224	287,994.18							
5												
6												
7												
8												
9												
10												
11	Sold or transferred											
12	TOTAL DISPOSED OF											
13	BALANCE END OF YEAR	671,028		209,200	671,028							
Line No	ITEM (g)		KINDS OF FUEL AND OIL				QUANTITY (j)	COST (i)	COST (k)			
			Lube Oil	QUANTITY (h)	COST (i)	COST (k)						
14	On hand beginning of year											
15	Received during year											
16	TOTAL											
17	Used during year (Note A)											
18												
19												
20												
21												
22												
23												
24	Sold or transferred											
25	TOTAL DISPOSED OF											
26	BALANCE END OF YEAR											

Note a - indicate specific purpose for which used, e.g. Boiler Oil, Make Oil, Generator Fuel, etc.



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	TOTAL	0.00
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0.00
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15	PPFCA Underbilling	1,691,213.00
16	State of MA Depreciation	13,745.10
17	FMV Power Supply Trust	5,561,847.86
18	Insurance related expenditures	62,291.83
19		
20		
21		
22		
23	TOTAL	7,329,097.79
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Appropriation for Repayment of Bonds	0.00
25	FMV Power Supply Trust	6,158,720.05
26	MMWEC Surplus	780,831.62
27	PPFCA Overbilling	2,803,380.92
28	Interest from Reserve Accounts: Depreciation, Insurance Reserve, PPFCA Rate Stabilization and Power Supply Trust	320,157.33
29		
30		
31		
32	TOTAL	10,063,089.92
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	Payment to City of Peabody in lieu of taxes	480,000.00
34	Payment to Town of Lynnfield in lieu of taxes	15,000.00
35		
36	TOTAL	495,000.00

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

MUNICIPAL REVENUES (Account 482,444)						
(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)						
Line No.	Acct No.	Gas Schedule (a)		Cubic Feet (b)	Revenue Received (c)	Avg. Revenue Per M.C.F. (\$0.0000) (d)
1	482					
2			TOTAL			
		Electric Schedule (a)		K.W.H. (b)	Revenue Received (c)	Avg. Revenue Per K.W.H. (Cents) (\$0.0000) (d)
3	444	Municipal: (Other Than Street Lighting)				
4						
5		Peabody		13,135,220	2,007,807.24	15.2857
6		Lynnfield		276,751	46,141.56	16.6726
7						
8			TOTAL	13,411,971	2,053,948.80	15.3143
9		Street Lighting:				
10						
11		Peabody		2,556,404	528,540.85	20.6752
12		Lynnfield		189,104	38,992.23	20.6195
13			TOTAL	2,745,508	567,533.08	20.6713
14						
15			TOTAL	16,157,479	2,621,481.88	16.2246
PURCHASED POWER (Account 555)						
Line No.		Names of Utilities from Which Electric Energy is Purchased (a)	Where & What Volt Rec'd (b)	K.W.H (c)	Amount (d)	Cost per K.W.H. (cents) (0.0000) (e)
16						
17						
18		SEE PAGE 54				
19						
20						
21						
22			TOTAL			
SALES FOR RESALE (Account 447)						
Line No.		Names of Utilities to Which Electric Energy is Sold (a)	Where & What Volt Del (b)	K.W.H (c)	Amount (d)	Revenues per K.W.H. (cents) (0.0000) (e)
23						
24						
25						
26						
27						
28						
29						
30			TOTALS			

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

ELECTRIC OPERATING REVENUES (ACCOUNT 400)									
Line No.	Account (A)	OPERATING REVENUES		KILOWATT-HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH		Increase	
		Current Year Revenue	Increase	Current Year K.W.H	Increase	No. Customers Current Year	Increase		
1	<b>Sales of Electricity</b>		813,512.81	189,732,876	3,206,594	21,520.00			86
2	440 Residential Sales	22,523,532.79							
3	442 Commercial Sales	2,777,048.20	53,879.75	19,539,096	304,225	2,281			31
4	Small (or Commercial)	35,214,271.51	1,552,787.43	275,257,053	5,021,091	1,661			69
5	Large (or Industrial)	2,235,657.70	27,036.09	16,157,779	251,305	152			5
6	444 Municipal Sales(Pg.22)								
7	449 Miscellaneous Sales								
8									
9	<b>Total Sales to Ultimate Consumers</b>	62,750,510.20	2,447,216.08	500,686,804	8,783,215	25,614			191
10	447 Sales for Resale		0.00	0	0	0			0
11									
12	<b>Total Sales of Electricity</b>	62,750,510.20	2,447,216.08	500,686,804	8,783,215	25,614			191
13									
14	<b>OTHER OPERATING REVENUES</b>								
15	451 Miscellaneous Service Revenues							\$157,897.54	
16	456 Other Electric Revenues								
17									
18	<b>Total Other Revenues</b>	0.00	0.00					500,686,804	
19									
20	<b>Total Electric Operating Revenue</b>	62,750,510.20	2,447,216.08						

Includes revenues for application of fuel clauses:

Total KWH to which applied:

Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS							
Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.							
Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	December 31 (f)
1	R E	Residential	189,732,876	22,523,532.79	11.8712	21,432	21,663
2	K Q U	Commercial	19,539,096	2,777,048.20	14.2128	2,286	2,278
3	M P T F	Power	275,257,053	35,214,271.51	12.7932	1,686	1,672
4	94/95	Municipal	16,157,779	2,235,657.70	13.8364	149	154
5							
6							
7							
8							
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30							
31							
32							
33							
34							
35							
36							
37							
38							
39	TOTAL SALES TO ULTIMATE						
40	CONSUMERS (page 37 Line 9)		500,686,804	62,750,510.20	12.5329	25,553	25,767

ELECTRIC OPERATION AND MAINTENANCE EXPENSES			
1. Enter in the space provided the operation and maintenance expenses for the year			
2. If the increase and decreases are not derived from previously reported figures explain in footnote			
Line No.	Account (a)	Amount for Year (b)	(Decrease) from Preceding Year (c)
1	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
3	Operation:		
4	500 Operation Supervision and engineering		
5	501 Fuel		
6	502 Steam Expenses		
7	503 Steam from other sources		
8	504 Steam transferred - Cr.		
9	505 Electric Expenses		
10	506 Miscellaneous steam power expenses		
11	507 Rents		
12	Total operation		
13	Maintenance:		
14	510 Maintenance supervision & engineering		
15	511 Maintenance of Structures		
16	512 Maintenance of Boiler Plant		
17	513 Maintenance of Electric Plant		
18	514 Maintenance of Miscellaneous Steam Plant		
19	Total Maintenance		
20	Total Power Production Expense - steam power		
21	<b>NUCLEAR POWER GENERATION</b>		
22	Operation:		
23	517 Operating Supervision & Engineering		
24	518 Fuel		
25	519 Coolants & Water		
26	520 Steam Expenses		
27	521 Steam from other sources		
28	522 Steam transferred - Cr.		
29	523 Electric Expenses		
30	524 Miscellaneous Nuclear Plant Expenses		
31	525 Rents		
32	Total Operation:		
33	Maintenance		
34	528 Maintenance supervision & Engineering		
35	529 Maintenance of Structures		
36	530 Maintenance of Reactor Plant Equipment		
37	531 Maintenance of Electric Plant		
38	532 Maintenance of Miscellaneous Nuclear Plant		
39	Total Maintenance		
40	Total power production expenses-nuclear power		
41	<b>HYDRAULIC POWER GENERATION</b>		
42	Operation:		
43	535 Operation Supervision & Engineering		
44	536 Water for Power		
45	537 Hydraulic Expenses		
46	538 Electric Expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
49	Total Operation:		

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance supervision and engineering	0.00	0.00
4	542 Maintenance of structures	0.00	0.00
5	543 Maintenance of reservoirs, dams and waterways	0.00	0.00
6	544 Maintenance of electric plant	0.00	0.00
7	545 Maintenance of miscellaneous hydraulic plant	0.00	0.00
8	Total Maintenance	0.00	0.00
9	Total Power Production Expenses - Hydraulic Power	0.00	0.00
10	<b>OTHER POWER GENERATION</b>		0.00
11	Operation		0.00
12	546 Operation supervision and engineering	0.00	0.00
13	547 Fuel	609,138.88	-52,236.21
14	548 Generation expenses	445,930.18	92,291.06
15	549 Miscellaneous other power generation expense	0.00	0.00
16	550 Rents	0.00	0.00
17	Total Operation	1,055,069.06	40,054.85
18	Maintenance:		
19	551 Maintenance supervision and engineering	152,591.57	43,507.52
20	552 Maintenance of structures	0.00	0.00
21	553 Maintenance of generating and electric plant	0.00	0.00
22	554 Maintenance of miscellaneous other power generation plant	0.00	0.00
23	Total Maintenance	152,591.57	43,507.52
24	Total Power Production Expenses - Other Power	1,207,660.63	83,562.37
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	44,644,818.51	3,390,636.75
27	556 System control and load dispatching	0.00	0.00
28	557 Other expenses	537,877.61	38,834.12
29	Total Other Power Supply Expenses	45,182,696.12	3,429,470.87
30	Total Power Production Expenses	46,390,356.75	3,513,033.24
31	<b>TRANSMISSION EXPENSES</b>		
32	Operation:		
33	560 Operation supervision and engineering	0.00	0.00
34	561 Load dispatching	0.00	0.00
35	562 Station expenses	0.00	0.00
36	563 Overhead line expenses	0.00	0.00
37	564 Underground line expenses	0.00	0.00
38	565 Transmission of electricity by others	0.00	0.00
39	566 Miscellaneous transmission expenses	0.00	0.00
40	567 Rents	0.00	0.00
41	Total Operation	0.00	0.00
42	Maintenance:		
43	568 Maintenance supervision and engineering	189,742.25	-33,442.36
44	569 Maintenance of structures	0.00	0.00
45	570 Maintenance of station equipment	0.00	0.00
46	571 Maintenance of overhead lines	0.00	0.00
47	572 Maintenance of underground lines	0.00	0.00
48	573 Maintenance of miscellaneous transmission plant	0.00	0.00
49	Total maintenance	189,742.25	-33,442.36
50	Total transmission expenses	189,742.25	-33,442.36

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Con't			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	450,119.82	-92,406.29
	581 Load dispatching	1,041,085.66	45,519.27
5	582 Station expenses	0.00	0.00
6	583 Overhead line expenses	0.00	0.00
7	584 Underground line expenses	0.00	0.00
8	585 Street lighting and signal system expenses	89,459.95	-17,271.01
9	586 Meter expenses	277,594.08	-1,848.02
10	587 Customer installations expenses	0.00	0.00
11	588 Miscellaneous distribution expenses	0.00	0.00
12	589 Rents	0.00	0.00
13	Total Operation	1,858,259.51	-66,006.05
14	Maintenance:		
15	590 Maintenance supervision and engineering	0.00	0.00
16	591 Maintenance of structures	1,063,529.56	253,718.39
17	592 Maintenance of station equipment	23,189.10	-9,744.73
18	593 Maintenance of overhead lines	83,580.57	-35,898.50
19	594 Maintenance of underground lines	0.00	0.00
20	595 Maintenance of line transformers	0.00	0.00
21	596 Maintenance of street lighting and signal systems	0.00	0.00
22	597 Maintenance of meters	0.00	0.00
23	598 Maintenance of miscellaneous distribution plant	0.00	0.00
24	Total Maintenance	1,170,299.23	208,075.16
25	Total Distribution Expenses	3,028,558.74	142,069.11
26	<b>CUSTOMER ACCOUNT EXPENSES</b>		
27	Operation:		
28	901 Supervision	0.00	0.00
29	902 Meter reading expenses	650,361.34	-82,375.38
30	903 Customer records and collection expenses	236,287.01	18,111.57
31	904 Uncollectible accounts	104,657.49	-95,955.43
32	905 Miscellaneous customer accounts expenses	0.00	0.00
33	Total Customer Accounts Expenses	991,305.84	-160,219.24
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	0.00	0.00
37	912 Demonstrating and selling expenses	0.00	0.00
38	913 Advertising expenses	2,510.25	439.41
39	916 Miscellaneous sales expenses	0.00	0.00
40	Total Sales Expenses	2,510.25	2,510.25
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	2,107,850.15	56,328.35
44	921 Office supplies and expenses	149,141.83	17,266.72
45	922 Administrative expenses transferred - Cr.	0.00	0.00
46	923 Outside services employed	127,492.61	65,951.65
47	924 Property insurance	224,699.05	-89,386.18
48	925 Injuries and damages	67,685.95	57,152.50
49	926 Employee pensions and benefits	3,678,814.51	-194,564.17
50	927 Franchise requirement	0.00	0.00
51	928 Regulatory commission expenses	0.00	0.00
52	929 Duplicate charges - Cr.	0.00	0.00
53	930 Miscellaneous general expenses	628,447.14	72,183.24
54	931 Rents	0.00	0.00
55	Total Operation	6,984,131.24	-15,067.89

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CON'T				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	ADMINISTRATIVE AND GENERAL EXPENSES - Con't			
2	Maintenance:			
3	932 Maintenance of General Plant	221,488.91	7,770.85	
4	Total Administrative and General Expenses	7,205,620.15	-7,297.04	
5	Total Electric Operation and Maintenance Expenses	57,808,093.98	3,456,653.96	
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSE				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation			
8	Steam power			
9	Nuclear power			
10	Hydraulic power			
11	Other power (Gas Turbine)	1,055,069.06	152,591.57	1,207,660.63
12	Other power supply expenses	45,182,696.12		45,182,696.12
13	Total Power Production Expenses	46,237,765.18	152,591.57	46,390,356.75
14	Transmission Expenses	0.00	189,742.25	189,742.25
15	Distribution Expenses	1,858,259.51	1,170,299.23	3,028,558.74
16	Customer Accounts Expenses	991,305.84	0.00	57,808,093.98
17	Sales Expenses	2,510.25	0.00	2,510.25
18	Administrative and General Expenses	6,984,131.24	221,488.91	7,205,620.15
19	Total Electric Operation and			
20	Maintenance Expenses	56,073,972.02	1,734,121.96	57,808,093.98
21	Ratio of operating expenses to operating revenues (carry out decimal two places, e.g.:0.00% Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)			96.40%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts			\$5,409,909.81
23	Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)			74



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit cents) Show utility department where applicable and account charged						(i)	
			Electric (acct 408,409) (c)	Gas (acct 408,409) (d)	(e)	(f)	(g)	(h)		
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21										
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25										
26										
27										
28	TOTALS									

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State", and Local in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.

6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work	584,525.55			584,525.55
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	<b>Total Revenues</b>	<b>584,525.55</b>			<b>584,525.55</b>
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Labor and Materials				
18					
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43	<b>TOTAL COSTS AND EXPENSES</b>	<b>0.00</b>			<b>0.00</b>
44	<b>Net Profit (or loss)</b>	<b>584,525.55</b>			<b>584,525.55</b>

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

## SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sold as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) Other Public Authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G,

and place an "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No	Sales to (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	None							
2								
3								
4								
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## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

## SALES FOR RESALE

(Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, 60 minutes

integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric are delivered at each point, such sales may be grouped.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (Cents) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
						0.00		1
								2
								3
								4
								5
								6
								7
								8
								9
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								29
								30
								31
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								36
								37
	Totals	0	0.00	0.00	0.00	0.00	0.0000	38

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased From MMWEC (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Contract Demand (f)	Kw or Kva of Demand	
							Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	Associated Utilities							
2	MMWEC - Millstone #3	FP	X	ISO	RS	3.668		
3	MMWEC - NYPA	FP	X	Transmission	RS	3.332		
4	MMWEC - Stonybrook	FP		Facilities	RS	46.204		
5	MMWEC - Seabrook I	FP	X		RS	14.088		
6	MMWEC - Berkshire Wind	FP			RS			
7	MMWEC - Weekly Studies	FP			RS			
8	Rousselot	DP		23KV System	RS			
9	Wakefield Muncipal Light	O		23KV System	RS			
10								
11								
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## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minute integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Kilowatt-Hours (k)	Cost of Energy (Omit Cents)				KWH (CENTS) (0.0000) (p)	Line No.
			Capacity Charges (l)	Energy Charges (m)	Other Charges (n) **	Total (o)		
60 MINUTES	115 KV	28,266,488	2,029,778	204,346	21,929	2,256,054	7.9814	1
60 MINUTES	115 KV	18,544,585	150,146	90,021	360,979	601,146	3.2416	2
60 MINUTES	115 KV	14,696,345	1,652,793	1,434,030	29,819	3,116,642	21.2069	3
60 MINUTES	115 KV	123,462,509	10,013,713	1,013,483	8,505	11,035,701	8.9385	4
60 MINUTES	115 KV	9,398,970		933,169		933,169	9.9284	5
60 MINUTES	115 KV	196,369,900		10,193,006		10,193,006	5.1907	6
60 MINUTES	23KV	129,600		7,571		7,571	5.8421	7
60 MINUTES	23KV	549,407		67,714		67,714	12.3249	8
								9
								10
								11
								12
								13
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								15
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								29
	TOTALS	391,417,804	13,846,431	13,943,340	421,231	28,211,002	7.2074	30

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Non-Utilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).

3. Particulars of settlements for interchange power

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling,

coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Received (a)	Kilowatt -hours		Amount of Settlement (h)
						Delivered (f)	Net Difference (g)	
1	NEPEX		PEABODY, MA	115 kv	531,048,730	413,795,280	117,253,450	9,116,315
2								
3								
4								
5								
6								
7								
8				TOTALS	531,048,730	413,795,280	117,253,450	9,116,315

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
9	NEPEX	INTERCHANGE EXPENSE	8,525,492
10		NEPOOL EXPENSE	590,824
11			
12			
13		TOTAL	9,116,315.44

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

ELECTRIC ENERGY ACCOUNT							
Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged during the year.							
Line No.	Item (a)	Kilowatt-hours (b)					
1	SOURCES OF ENERGY						
2	Generation (excluding station use)						
3	Steam						
4	Nuclear						
5	Hydro						
6	Other...Gas Turbine	7,229,200					
7	Total Generation	7,229,200					
8	Purchases	391,417,804					
9	In (gross)	*****					
10	Out (gross)	*****					
11	Net (kwh)	117,253,450					
12	Received	*****					
13	Delivered	*****					
14	Net Transmission Gains (kwh)	528,761					
15	TOTAL	516,429,215					
16	DISPOSITION OF ENERGY						
17	Sales to Ultimate Consumers(including interdepartmental sales)	499,081,204					
18	Sales for resale						
19	Energy Furnished without charge	14,823					
20	Energy used by company (excluding station use):	1,590,777					
21	Electric Department only (adjustment to prior year accrued sales based on new reporting system)						
22	Energy Losses:						
23	Transmission & conversion losses	0					
24	Distribution losses						
25	Unaccounted for losses	15,742,411					
26	Total Energy losses	15,742,411					
27	Energy losses as percent of total on line 15	3.05 %					
28	TOTAL	516,429,215					
MONTHLY PEAKS & OUTPUT							
MONTHLY PEAK							Monthly Output
Line No.	Month (a)	Kilowatts (b)	Day of week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	(kwh) (see instr.4) (g)
29	January	86,900	R	24	18	60 minute	45,332,885
30	February	79,700	M	4	19	60 minute	39,945,789
31	March	76,600	R	7	19	60 minute	40,964,071
32	April	67,100	T	2	20	60 minute	36,381,149
33	May	105,800	F	31	17	60 minute	38,111,058
34	June	119,000	M	24	17	60 minute	45,505,084
35	July	126,900	F	19	16	60 minute	56,417,991
36	August	106,000	W	21	17	60 minute	48,059,942
37	September	117,900	W	11	17	60 minute	41,077,632
38	October	71,900	W	2	20	60 minute	38,561,844
39	November	78,900	M	25	18	60 minute	39,583,436
40	December	89,300	T	17	18	60 minute	46,488,334
41	TOTAL						516,429,215



## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

GENERATING STATION STATISTICS (LARGE STATIONS)				
Line No.	ITEM (a)	PLANT (b)	PLANT (c)	PLANT (d)
1	Kind of plant (steam, hydro, int.comb.,gas turbine)	Gas Turbine		
2	Type of plant construction (conventional, outdoor boiler, full outdoo, etc.)	Conventional		
3	Year originally constructed	1971		
4	Year last unit installed	1991		
5	Total installed capacity (maximum generator name plate ratings in kw)	65,900		
6	Net peak demand on plant-kilowatts (60 min)	8,760		
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) when not limited by condenser water			
10	(b) when limited by condenser water			
11	Average number of employees	3		
12	Net generation, exclusive of station use	7,229,200		
13	Cost of plant (omit cents):			
14	Land and land rights	177,260		
15	Structures and improvements			
16	Reservoirs, dams and waterways			
17	Equipment costs	21,596,844		
18	Roads, railroads and bridges	0		
19	Total cost	21,774,104		
20	Cost per kw of installed capacity	330.411		
21	Production Expenses:			
22	Operation supervision and engineering	0		
23	Station labor	283,426		
24	Fuel	609,139		
25	Supplies & expenses, including water	162,504		
26	Maintenance	0		
27	Rents	0		
28	Steam from other sources	0		
29	Steam transferred-credit	0		
30	Total production expenses	1,055,069		
31	Expenses per net Kwh (5 places)	0.14595		
32	Fuel: Kind	Low Sulfur Diesel	Natural Gas	
33	Unit (coal-tons of 2,000 lb) (oil-barrels of 42 gals.) Gas-Mcu. ft.) (Nuclear, indicate)	BBLS	MCF	
34	Quantity (units) fuel consumed	2,148	76,455	
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)	138,691	1,030	
36	Average cost of fuel per unit, del f.o.b. plant		4.209	
37	Average cost of fuel per unit consumed	138.280	4.557	
38	Average cost of fuel consumed per million B.t.u.	23.739	4.085	
39	Average cost of fuel consumed per kwn net gen.	0.285	0.045	
40	Average B.t.u. per kwh net generation	12,025	12,981	
41				
42				

COMBUSTION ENGINE AND OTHER GENERATING STATIONS (except nuclear stations)							
Line No.	Name of Station (a)	Location of Station (b)	Diesel or other type Engine (c)	MOVERS			
				Name of Maker (d)	Year installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Waters River I	N. Central St.	Gas Turbine	Turbo Power	1971		Direct
2							
3	Waters River II	N. Central St.	Gas Turbine	General Electric	1991		Direct
4							
5							
6							
7							
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**COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued**  
 (except nuclear stations)

Prime Movers-cont'd		Generators							
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (i)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)	Total Installed Generating Capacity in kilowatts (name plate rating) (p)	Line No.
30,000	30,000	1971	13,800	3	60 hz	21,300	1	21,300	1
75,000	75,000	1991	13,800	3	60 hz	49,900	1	49,900	2
									3
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					TOTALS	71,200	2	71,200	39

TRANSMISSION LINE STATISTICS								
Report information:								
Line No.	Disignation		Operating Voltage	Type of Supporting Structure	Length (Pole Miles)		Number of Circuits	Size of Conductor Material
	From	To			On Structures Line Designated	On Structures Another Line		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
1	NEP B-154S Line	Waters River Substation	115,000	Wood Poles	0.05	---	1	795 MCM Aluminum
2								
3								
4	NEP C-155S Line	Waters River Substation	115,000	Wood Poles	0.05	---	1	795 MCM Aluminum
5								
6								
7	NEP B-154N Line	Ipswich River Substation	115,000	Wood Poles	0.10	---	1	795 MCM Aluminum
8								
9								
10	NEP S-145 Line	Bartholomew St. Substation	115,000	Wood Poles	0.10	---	1	795 MCM Aluminum
11								
12								
13	NEP T-146 Line	Bartholomew St. Substation	115,000	Wood Poles	0.10	---	1	795 MCM Aluminum
14								
15								
16								
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33								
34								
35								
36				Totals	0.40			

\*Where other than 60 cycle, 3 phase, so indicate.

## Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

SUBSTATIONS											
Line No.	Name & Location of Substation (a)	Character of Substation (b)	Primary (c)	Voltage Secondary (d)	Tertiary (e)	Capacity of Substation in KVA In Service (f)	Number of trans-formers In Service (g)	Number of spare Trans-formers (h)	Conversion Special Type of Equipment (i)	Apparatus Equipment Number of Units (j)	Total Capacity (k)
1	Frog Island (P)	"	23,000	5,000		10,000	1	0			
2	Waters River (P)	"	115,000	23,000		83,200	2	0			
3	Ipswich River (P)	"	115,000	23,000		41,600	1	0			
4	Bartholomew St (P)	"	115,000	23,000		100,000	2	0			
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21											
22											
23											
24	(P)=Peabody										
25											
26											
27											
28											
				TOTALS		234,800	6	0			

OVERHEAD DISTRIBUTION LINES OPERATED						
Line No.		Length (Pole Miles)				
		Wood Poles	Steel Towers	Total		
1	Miles - Beginning of year	255.75	0.25	256.00		
2	Added during year	0.00	0.00	0.00		
3	Retired during year	0.00	0.00	0.00		
4	Miles - End of year	255.75	0.25	256.00		
5	Distirbution system characteristics - A.C. or D.C. , phase, cycles and operating voltages for Light & Power 4,160V Primary AC 23,000V Primary AC 120/240 - 208/277/480V Secondary AC 60 Cycle					
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS						
Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers		
				Number	Total Capacity (kva)	
16	Number at beginning of year	20,693	25,963	4,234	388,498.50	
17	Additions during year:					
18	Purchased	0	156	2	1,800.00	
19	Installed	272	0			
20	Associated with utility plant acquired					
21	Total additions	272	156	2	1,800.00	
22	Reductions during year					
23	Retirements	20	197	23	1,600.00	
24	Associated with utility plant sold	0	0			
25	Total Reductions	20	197	23	1,600.00	
26	Number at End of Year	20,945	25,922	4,213	388,698.50	
27	In Stock		368	300	30,350.00	
28	Locked meters on customers premises					
29	Inactive transformers on system					
30	In customers' use		25,527			
31	In company's use		27	3,913	358,348.50	
32	Number at End of Year		25,922	4,213	388,698.50	

Annual Report of PEABODY MUNICIPAL LIGHT PLANT

Year Ended December 31, 2013

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)						
Report below the information called for concerning conduit, underground cable and submarine cable at end of year.						
Line No.	Designation of Underground Distribution System (a)	Miles of Conduit Bank (All sizes & types) (b)	Underground		Submarine	
			Miles (c)	Operating Voltage (d)	Feet (e)	Operating Voltage (f)
1	Peabody Underground Distribution System Lynnfield Underground Distribution System	14.7	31.2	23 KV		
2		2.8	4.0	23 KV		
3						
4						
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26						
27						
28						
29						
30		TOTALS				

\*Indicate number of conduits per cable.

\*Indicate number of conduits per cable.

STREET LAMPS CONNECTED TO SYSTEM										
Line No.	City or Town (a)	Total (b)	TYPE							
			INCANDESCENT		MERCURY VAPOR		METAL-HALIDE		HP SODIUM	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Peabody	5,438				305		24	4,325	784
2	Lynnfield	537				52			377	108
3	Peabody - Other	349	349							
4	Lynnfield - Other	8		5						3
5										
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48	TOTALS	6,332	349	5	0	357	0	24	4,702	895



- | Date<br>Effective   | MDPU<br>Number | Rate<br>Schedule | Estimated Effect on Annual Revenue |          |
|---------------------|----------------|------------------|------------------------------------|----------|
|                     |                |                  | Increase                           | Decrease |
| No Changes for 2013 |                |                  |                                    |          |

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #170  
Cancels  
M.D.T.E. #157

PEABODY MUNICIPAL LIGHT PLANT  
Recreational Lighting Service

Designation:	A
Applicable In:	Peabody and South Lynnfield
Available To:	Service hereunder is available where three phase power is required for the illumination of recreational facilities during non-daylight hours
Rate (Monthly):	Demand Charge:  No charge for demand.  Energy Charge:  \$0.2076 per KWH for first 400 KWH per month \$0.1604 per KWH for all excess KWH per month
Minimum Charge:	Minimum charge shall be \$28.00 per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rate if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Purchased Power & Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment for A, E, K, M, Q, R, & U Rate Customers. The Prompt Payment Discount shall not be applicable to this Adjustment.
Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification.

Service Interruption: Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

Term of Contract: Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms and Conditions: All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing

Date Issued: April 21, 2010

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #171  
Cancels  
M.D.T.E. #158

PEABODY MUNICIPAL LIGHT PLANT  
Residential Rate for State-Aided Housing for the Elderly

Designation:	E
Applicable In:	Peabody and South Lynnfield.
Available To:	Service is available hereunder only to residential consisting entirely of state-aided housing the elderly where all service is taken through meter and is used entirely for residential.
Rate (Monthly):	\$0.1549 per KWH for all KWH used per month.
Minimum Rate:	\$200.00 per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Cost Adjustment. The Prompt Payment Discount clause shall not be applicable to this Adjustment.
Service Interruption:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

General Terms and  
Conditions:

All of the Rules and Regulations of the Peabody  
Municipal Light Plant shall be applicable to service  
hereunder.

Effective:

May 1, 2010 Billing.

Date Issued:

April 21, 2010

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #172  
Cancels  
M.D.T.E. #159

PEABODY MUNICIPAL LIGHT PLANT  
Agriculture or Farming

Designation: F

Applicable In: Peabody and South Lynnfield

Available To: Service hereunder is available for any agriculture or farming purpose requiring three phase power for lighting, power and general use, where all service is taken through one meter, and where the customer is certified eligible for the Farm Energy Discount Program by the Massachusetts Department of Food and Agriculture.

Customer Account Sub-classes: For recordkeeping purposes, the customer accounts served hereunder are divided into four (4) sub-classes, as follows:

- F-1 With secondary metering and with transformer(s) furnished by PMLP.
- F-2 With primary metering and with transformer(s) furnished by PMLP.
- F-3 With secondary metering and with transformer(s) furnished by customer.
- F-4 With primary metering and with transformer(s) furnished by customer.

Rate (Monthly): Demand Charge:

No charge for the first 10 KW of demand per month.  
\$15.13 per KW for the next 790 KW of demand per month.  
\$13.78 per KW for all excess demand per month.

Energy Charge:

\$0.1782 per KWH for first 500 KWH per month  
\$0.1377 per KWH for next 2500 KWH per month  
\$0.0941 per KWH for all excess KWH per month

Minimum Charge: Minimum charge shall be \$25.20 per month.

Transformer Ownership Allowance:	<p>Customers requiring nominal transformer capacities of 500 KVA or more will be required to furnish their own transforming and protective equipment, including mats and/or vaults, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply when the above is complied with:</p> <p>\$0.30 per KW of demand per month</p>
Primary Metering Allowance:	<p>The PMLP may at its option meter at the customer's utilization voltage or on the high voltage side of the transformers through which service is furnished. In the latter case, or if the customer utilization voltage requires no transformation, a credit of 1.0 percent will be allowed on the demand and energy charges net of transformer ownership allowance; but in no case will such credit be allowed if the metering voltage is less than 2400 volts.</p>
Prompt Payment Discount:	<p>Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.</p>
Bills Due:	<p>Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.</p>
Purchased Power & Fuel Cost Adjustment:	<p>Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment for F, P, &amp; T Rate Customers. The Prompt Payment Discount shall not be applicable to this Adjustment.</p>
Demand:	<p>The demand shall be the highest fifteen (15) minute integrated measured demand as recorded on a proper instrument during the month.</p>

Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.
Service Interruption:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.
Term of Contract:	Contract for service hereunder shall be for a period of not less than one (1) year.
General Terms and Conditions:	All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.
Effective:	May 1, 2010 Billing.
Date Issued:	April 26, 2010.
	FILED BY:
	Peabody Municipal Lighting Commission



Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #173  
Cancels  
M.D.T.E.. #160

PEABODY MUNICIPAL LIGHT PLANT  
Public and Private Area Lighting Service  
and  
Public Street Lighting Service

Designation: K

Applicable In Peabody and South Lynnfield

Available To: Any private customer and the Municipality of South Lynnfield for area lighting or public street lighting, on a standard 4175 hour schedule.

Rate (Monthly): For each lamp, including fixture, maintenance, and basic energy charges per month:

<b>Mercury Lamps</b>	Monthly Rate	Standard KWH
100 Watt	\$8.07	40
175 Watt	12.34	66
250 Watt	17.98	97
400 Watt	28.08	158
1000 Watt	69.54	376

<b>Sodium Lamps</b>	Monthly Rate	Standard KWH
70 Watt	6.18	28
100 Watt	8.62	40
150 Watt	11.45	57
250 Watt	20.87	111
400 Watt	29.88	165

<b>Metal Halide Lamps</b>	Monthly Rate	Standard KWH
250 Watt	21.75	107
400 Watt	33.13	163

Installation Charge: A one-time installation fee of \$65.00 will be charged for each fixture.

Pole Charge:	<p>When extra poles are required specifically for street or area lighting, there will be a one-time installation charge of \$195.00 per pole, including up to 150 feet of overhead secondary wire; and a monthly maintenance charge of \$2.50 per pole. This applies to all poles installed or replaced after April 1, 1980.</p> <p>Poles shall remain the property of the PMLP. Monthly pole charge will terminate when the pole is used by PMLP for any other purpose.</p>
Connection Charge:	<p>A one-time fee of \$35.00 will be charged for the connection of an existing fixture.</p>
Relocation Charge:	<p>A one-time relocation fee of \$35.00 will be charged for the relocation of each fixture when the relocation is requested by the customer.</p>
Change of Fixture:	<p>A one-time fee of \$35.00 will be charged for the changing of each fixture to a different type or wattage fixture when this change is requested by the customer.</p>
Prompt Payment Discount:	<p>Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.</p>
Bills Due:	<p>Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) Days after the date billed.</p>
Purchased Power and Fuel Cost Adjustment:	<p>Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this adjustment.</p>
Service Interruptions:	<p>Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant.</p>

General Terms and  
Conditions:

All the Rules and Regulations of the Peabody Municipal Light  
Plant shall be applicable to service hereunder.

Effective:

May 1, 2010 Billing.

Date Issued:

April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #174  
Cancels  
M.D.T.E.. #161

PEABODY MUNICIPAL LIGHT PLANT  
Municipal Building Heating Service

Designation: M

Applicable In: Peabody and South Lynnfield

Available To: Service under this rate is available for space heating in Municipal buildings and churches where the customer has permanently installed electric space heating equipment as the primary source of comfort heating. Such heating load shall be controlled as to time of use at the option of the Peabody Municipal Light Plant. Other uses of the customer will be included in this rate if such uses are metered together with the space heating use. Service under this rate shall be metered at 2400 volts or greater.

Rate: (Monthly) Demand Charge:

\$250.00 minimum per month  
OR the following, whichever is greater:  
\$ 3.88 per KW

Energy Charge:

\$0.1433 per KWH for all KWH used per month.

Transformer Ownership  
Allowance:

Customer requiring a nominal transformer capacity of 500 KVA or more will be required to furnish their own transforming and protective equipment, including a mat and/or vault, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply when the above is complied with:

\$0.30 per KW of demand per month

Minimum Rate:	Minimum rate shall be the minimum demand charge, plus energy, if any, per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Demand:	The demand shall be the highest fifteen (15) minute integrated measured demand as recorded on a proper instrument during the month but not less than 80% of the highest demand during the preceding eleven (11) months.
Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this adjustment.
Service Interruptions:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.
Terms of Contract:	Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms  
and Conditions:

All of the Rules and Regulations of the Peabody  
Municipal Light Plant shall be applicable to service  
hereunder.

Effective:

May 1, 2010 Billing.

Date Issued:

April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #175  
Cancels  
M.D.T.E. #162

PEABODY MUNICIPAL LIGHT PLANT  
Commercial Power Service

Designation: P

Applicable In: Peabody and South Lynnfield

Available To: Service hereunder is available for any Commercial purpose requiring three phase power for lighting, power and general use, where all service is taken through one meter.

Customer Account Sub-classes: For recordkeeping purposes, the customer accounts served hereunder are divided into four (4) sub-classes, as follows:

- P-1 With secondary metering and with transformer(s) furnished by PMLP.
- P-2 With primary metering and with transformer(s) furnished by PMLP.
- P-3 With secondary metering and with transformer(s) furnished by customer.
- P-4 With primary metering and with transformer(s) furnished by customer.

Rate (Monthly): **Demand Charge:**

No charge for the first 10 KW of demand per month.  
\$16.81 per KW for the next 790 KW of demand per month.  
\$15.31 per KW for all excess demand per month.

**Energy Charge:**

\$0.1980 per KWH for first 500 KWH per month  
\$0.1530 per KWH for next 2500 KWH per month  
\$0.1045 per KWH for all excess KWH per month

Minimum Charge: Minimum charge shall be \$28.00 per month.

Transformer Ownership  
Allowance:

Customers requiring nominal transformer capacities of 500 KVA or more will be required to furnish their own transforming and protective equipment, including mats and/or vaults, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply when the above is complied with:

\$0.30 per KW of demand per month

Primary Metering  
Allowance:

The PMLP may at its option meter at the customer's utilization voltage or on the high voltage side of the transformers through which service is furnished. In the latter case, or if the customer utilization voltage requires no transformation, a credit of 1.0 percent will be allowed on the demand and energy charges net of transformer ownership allowance; but in no case will such credit be allowed if the metering voltage is less than 2400 volts.

Prompt Payment  
Discount:

Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.

Bills Due:

Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.

Purchased Power &  
Fuel Cost Adjustment:

Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment for F, P & T Rate Customers. The Prompt Payment Discount shall not be applicable to this Adjustment.

Demand:

The demand shall be the highest fifteen (15) minute integrated measured demand as recorded on a proper instrument during the month.



Power Factor: Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.

Service Interruption: Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

Term of Contract: Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms and Conditions: All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing.

Date Issued: April 26, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #176  
Cancels  
M.D.T.E. #163

PEABODY MUNICIPAL LIGHT PLANT  
Commercial Lighting Service

Designation:	Q
Applicable in:	Peabody and South Lynnfield.
Available to:	Service hereunder is available for any commercial purpose requiring single phase power for lighting, power, and general use.
Customer Account Sub-classes:	For recordkeeping purposes, the customer accounts served hereunder are divided into two (2) sub-classes, as follows:  Q-1 Non-eligible for the Farm Energy Credit Program. Q-2 Eligible for the Farm Energy Credit Program.
Rate (Monthly):	\$0.2076 per KWH for first 400 KWH per month \$0.1604 per KWH for all excess KWH per month
Minimum Rate:	\$15.00 per month.
Farm or Agriculture Credit	Ten percent (10%) credit will be allowed on the above rates if the customer is certified eligible for the Farm Energy Credit Program by the Massachusetts Department of Food and Agriculture.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.

Bills Due: Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed

Purchased Power & Fuel Cost Adjustment: Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this adjustment.

Service Interruptions: Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.

Term of Contract: Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms and Conditions: All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing.

Date Issued: April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #177  
Cancels  
M.D.T.E. #164

PEABODY MUNICIPAL LIGHT PLANT  
Residential Service

Designation:	R
Applicable In:	Peabody and South Lynnfield
Available To:	Service hereunder is available for any residential purpose in single private dwellings or apartments. This rate is not applicable to any residential service which is also used for commercial purposes.
Rate: (Monthly)	\$0.1660 per KWH for first 100 KWH per month. \$0.1451 per KWH for all excess KWH per month.
Minimum Rate:	\$6.00 per month.
Prompt Payment Discount:	Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.
Bills Due:	Bills are due when rendered and considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this Adjustment.
Service Interruptions:	Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant.

Term of Contract:

Contract for service hereunder shall be for a period of not less than one (1) year.

General Terms and Conditions:

All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective:

May 1, 2010 Billing.

Date Issued:

April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #178  
Cancels  
M.D.T.E. #165

Peabody Municipal Light Plant  
Optional Seasonal Time-of-Use Service

Designation: T

Applicable In: Peabody and South Lynnfield

Available To: Service hereunder is available for any commercial purpose requiring three phase power for lighting, power and general use, and where all service is taken through one meter.

Customer Account Sub-Classes: For recordkeeping purposes, the customer accounts served hereunder are divided into four (4) sub-classes as follows:

- T-1 With secondary metering and with transformer(s) furnished by PMLP
- T-2 With primary metering and with transformer(s) furnished by PMLP
- T-3 With secondary metering and with transformer(s) furnished by customer
- T-4 With primary metering and with transformer(s) furnished by customer

Time Definitions: The rate applicable under this service is dependent upon the time-of-day that the service is taken:

Time-of-Day - For purposes of this rate, the following are the two (2) defined time-of-day periods:

On-Peak - From 8:00 A.M. thru 8:00 P.M. EST  
(9:00 A.M. thru 9:00 P.M. EDT)  
Monday thru Friday

Off-Peak - All other hours

Rate (Monthly):

Demand Charge:

Time-of-Day

Each KW up to 800KW/mo.  
Each KW over 800KW/mo.

On-Peak  
\$13.74/KW  
\$16.00/KW

Off-Peak  
\$0/KW  
\$0/KW

Energy Charge:

Time-of-Day

On-Peak  
\$0.1192/kWh

Off-Peak  
\$0.0861/kWh

Minimum Charge:

Minimum charge shall be \$28.00 per month.

Installation Charge:

A one time charge of \$300 will be assessed to any eligible customer electing this rate.

Transformer Ownership Allowance:

Customers requiring nominal transformer capacities of 500 KVA or more will be required to furnish their own transforming and protective equipment, including mats and/or vaults, primary and secondary cables, conduits, etc., which must comply with the specifications of the PMLP. The following credit will apply to the on-peak demand charge when the above is complied with:

\$0.30 per KW of on-peak demand per month.

Primary Metering Allowance:

The PMLP may at its option meter at the customer's utilization voltage or on the high voltage side of the transformers through which service is furnished. In the latter case, or if the customer utilization voltage requires no transformation, a credit of 1.0 percent will be allowed on the demand and energy charges net of transformer ownership allowance; but in no case will such credit be allowed if the metering voltage is less than 2400 volts.

Prompt Payment Discount:

Twenty percent (20%) discount will be allowed on the above rate net of transformer ownership and primary metering credits if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount Date. Discount will not be allowed when arrears are due.

Bills Due:	Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.
Demand Definitions:	<p>On-Peak Demand - highest integrated fifteen (15) minute demand measured during the on-peak time period.</p> <p>Off-Peak Demand - highest integrated fifteen (15) minute demand measured during the off-peak time period.</p>
Billing Value:	The monthly on-peak demand billing value shall be the highest measured on-peak demand during the month.
Power Factor:	Customer is required to maintain at least 95% power factor; if the customer fails to maintain at least 95% power factor, the customer will be required to install corrective measures within three (3) months after notification or be billed on a KVA demand basis.
Service Interruptions:	Service hereunder is not intended for partial year usage or periodically interrupted use. If service is temporarily disconnected at Customer's request, or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees established in the Rules and Regulations of the Peabody Municipal Light Plant. Permanent disconnection may be requested by Customer with six months notice.
Term of Contract:	Contract for service hereunder shall be for a period of not less than one (1) year.
Purchased Power and Fuel Cost Adjustment:	Energy charges shall be adjusted as provided in filed rate titled: Purchased Power and Fuel Cost Adjustment for the F, P and T Rate Customers. The Prompt Payment Discount shall not be applicable to this adjustment.



General Terms and  
Conditions:

All the Rules and Regulations of the Peabody  
Municipal Light Plant shall be applicable to service  
hereunder.

Effective:

May 1, 2010 Billing

Date Issued:

April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #179  
Cancels  
M.D.T.E. #166

PEABODY MUNICIPAL LIGHT PLANT  
Traffic Signal and Sign Service

DESIGNATION: U

APPLICABLE IN: PEABODY AND SOUTH LYNNFIELD

Available to: Service hereunder is available for traffic control lights, school zone signs, traffic warning signals, fire alarm lamps, unmetered signs, etc. when operated continuously, or on a regular established timing sequence.

Rate Conditions: Rate is based on 8760 hours per year use, (i.e.) 100% load factor, and the actual connected load, in watts at each service connection point. Connected loads shall be specified by customer and verified by PMLP engineer. For billing purposes, an equivalent connected load will be calculated by PMLP, to adjust for load factors less than 100%.

Any changes in connected load, timing sequence, or other factors affecting power consumption shall be reported promptly to the PMLP.

This rate is non-metered. For services where the load, load factor, or timing sequences are irregular, manually controlled, or uncertain, or where preferred by the customer; regular metered service will be supplied under rate Q.

This rate is for power service only, excluding fixture installation, maintenance, and lamp replacement.

Rate (Monthly): Based on the equivalent connected load at each service connection:

Monthly Rate:

\$0.1156 per watt per month for the first 1000 watts of equivalent connected load.

\$0.1008 per watt per month for all excess watts of equivalent connected load.

Monthly Standard KWH:

0.73 KWH per month for each watt of equivalent connected load.

Minimum Load Factor: The minimum load factor (percent of time energized) which will be applied to any service connection point is thirty percent (30%).

Minimum Rate: The minimum rate hereunder for any single service connection point (other than fire alarm lamps) is \$7.00 per month plus pole charges, if any. The minimum rate hereunder for each fire alarm lamp is \$3.50 per month plus pole charges, if any.

Prompt Payment Discount: Twenty percent (20%) discount will be allowed on the above rates, if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.

Bills Due: Bills are due when rendered and are considered to be in arrears if not completely paid within thirty (30) days after the date billed.

Purchased Power & Fuel Cost Adjustment: Energy charges shall be adjusted as provided in the separately filed rate titled: Purchased Power and Fuel Cost Adjustment. The Prompt Payment Discount shall not be applicable to this Adjustment.

General Terms & Conditions: All the Rules and Regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Service Interruptions: Service hereunder is not intended for seasonal or periodically interrupted use. If service is temporarily disconnected at Customer's request or for the non-payment of arrears, Customer will be charged disconnection and reconnection fees as established in the Rules and Regulations of the Peabody Municipal Light Plant.

Effective: May 1, 2010 Billing.

Date Issued: April 21, 2010.

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #180  
Cancels  
M.D.T.E. #167

PEABODY MUNICIPAL LIGHT PLANT  
ENERGY WHEELING SERVICE

Designation: W

Applicability:

This Rate is applicable to any customer using PMLP facilities for the purpose of wheeling (carrying) energy either out of or through PMLP service territory.

Subclasses:

Under this rate there are four subclasses of service available. The applicable rate is dependent upon the point of interconnection:

- 1) Rate W1  
Connection to PMLP 115/23KV substation
- 2) Rate W2  
Connection to PMLP 23KV subtransmission system
- 3) Rate W3  
Connection to PMLP 23KV distribution system
- 4) Rate W4  
Connection to PMLP 4KV distribution system

Rate (Monthly):

The charge per kilowatt under this rate is:

Rate W1 - \$ 0.70/KW-Mo  
Rate W2 - \$ 1.23/KW-Mo  
Rate W3 - \$ 2.87/KW-Mo  
Rate W4 - \$ 6.40/KW-Mo

Minimum Rate:

Minimum rate shall be \$350 per month.

Billing:

PMLP will render a bill for charges incurred under this rate on a monthly basis. The amount of the bill will be equal to the appropriate above stated rate times the billable kilowatts of wheeled capacity irrespective of whether or not any energy was actually transported by PMLP.

Prompt Payment Discount:

Twenty percent (20%) discount will be allowed on the above rate if payment is received within fifteen (15) days after the bill is rendered. The bill is considered as being rendered fifteen (15) days prior to the discount date. Discount will not be allowed when arrears are due.

Bills Due:

Bills are due when rendered and are considered to be in arrears of not completely paid within thirty (30) days after the date billed.

PMLP Wheeling Service Availability:

PMLP shall determine the following:

1. The exact location of the point of interconnection between the customer's facilities and PMLP facilities.
2. A facilities charge based on the new and/or upgraded facilities required to wheel the energy requested by the customer.

PMLP will own, operate and maintain these new and/or upgraded electrical facilities.

3. The exact location(s) of the interface of PMLP electrical facilities and transmission system.
4. The date for commencement of the requested wheeling service.

Service Continuity:

PMLP will endeavor to supply a continuous wheeling capability but shall be held harmless and not in default if PMLP is unable to wheel energy.

Wheeled Capacity:

The wheeled capacity (Kilowatts) shall be the highest sixty (60) minute integrated measured capacity sent into PMLP's system as recorded on a proper instrument located at the customer's premises during the month but not less than 80% of the highest wheeled capacity during the preceding eleven (11) months.

Losses:

Losses incurred by PMLP as a result of the wheeling of energy for the customer is to be borne by the customer. The losses shall be based on the calculation resulting from multiplying the loss % factor from the following table by the KWH meter readings.

Rate	Loss % Factor
W1	1%
W2	2.5%
W3	3%
W4	4.5%

Metering:

PMLP reserves the right to inspect and test the customer's metering equipment, logs and records at any time that the wheeling service is in effect. The customer is required to submit a test report showing the accuracy of all metering to PMLP on a semi-annual basis.

General Terms & Conditions:

All the rules and regulations of the Peabody Municipal Light Plant shall be applicable to service hereunder.

Effective: May 1, 2010 Billing

Date Issued: April 21, 2010

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #181  
Cancels  
M.D.T.E.. #168

PEABODY MUNICIPAL LIGHT PLANT  
Purchased Power and Fuel Cost Adjustment  
For A, E, K, M, Q, R, & U Rate Customers

APPLICATION:

This adjustment applies to all sales of electrical energy to ultimate users under the A, E, K, M, Q, R, and U rates, and modified energy charges provided therein.

ADJUSTMENT:

When the average cost of power supply and fuel, as defined herein, is more or less than a standard rate base of 94.48 mills (\$0.09448) per kilowatt hour, then the energy charges per kilowatt hour, to all customers shall be increased or decreased respectively by the amount the actual cost is more or less than the standard rate base.

ADJUSTMENT TEST PERIODS:

The power supply and fuel costs shall be calculated in December and June of each year for a six month period. Based on the average cost calculated for each six month calculation period (Dec-May and June-Nov), the adjustment shall apply for the six month billing period (Jan-June and July-Dec) immediately following the calculation month, specifically applied to customer bills calculated in each month of the appropriate six month billing period.

Midway through each six month calculation period adjustments, if required, shall be made to the average cost calculated for the remaining three months of said billing period in order to correct for the difference between actual and estimated costs for the first three months of said calculation period as well as correcting for calculations involving the last three months of said calculation period.

POWER SUPPLY AND FUEL COST:

The average power supply and fuel cost shall be calculated as follows:

- a. The cost shall be a quotient of which the dividend shall be the sum of all money paid, net, for all sources of power supply plus the actual cost of fuel consumed in Peabody Municipal Light Plant's generating facilities; and,
- b. Of which the divisor shall be the sum of all energy sold to the consumer in kilowatt hours, during the period in which the power was purchased or generated by the Peabody Municipal Light Plant.



- c. Both the amounts of Money and energy shall be the actual amounts applicable to the said period, so far as can be reasonably determined. The average cost shall be calculated to the nearest 100th mils (\$0.00001), and the adjustment shall be the excess or deficiency, to the nearest one hundredths mill, above or below the standard rate base.

DISCOUNT NOT APPLICABLE:

The Prompt Payment Discount Clause shall not be applicable to the Purchased Power and Fuel Cost Adjustment.

EFFECTIVE: May 1, 2010 Billing.

DATE ISSUED: April 21, 2010

FILED BY:

Peabody Municipal Lighting Commission

Peabody Municipal Light Plant  
201 Warren Street Extension  
Peabody, Massachusetts 01960

M.D.P.U. #182  
Cancels  
M.D.T.E.. #169

PEABODY MUNICIPAL LIGHT PLANT  
Purchased Power and Fuel Cost Adjustment  
For F, P, & T Rate Customers

APPLICATION:

This adjustment applies to all sales of electrical energy to ultimate users under the F, P, and T rates.

ADJUSTMENT:

When the average cost of power supply and fuel, as defined herein, is more or less than a standard rate base of 64.48 mils (\$0.06448) per kilowatt hour, then the energy charges per kilowatt hour, to all F, P, and T rate customers shall be increased or decreased respectively by the amount the actual cost is more or less than the standard rate base.

ADJUSTMENT TEST PERIODS:

The power supply and fuel costs shall be calculated in December and June of each year for a six month period. Based on the average cost calculated for each six month calculation period (Dec-May and June-Nov), the adjustment shall apply for the six month billing period (Jan-June and July-Dec) immediately following the calculation month, specifically applied to customer bills calculated in each month of the appropriate six month billing period.

Midway through each six month calculation period adjustments, if required, shall be made to the average cost calculated for the remaining three months of said billing period in order to correct for the difference between actual and estimated costs for the first three months of said calculation period as well as correcting for calculations involving the last three months of said calculation period.

TOTAL POWER SUPPLY AND FUEL COST:

The total power supply and fuel cost to be recovered in the F, P, and T rate consumers bills shall be equal to:

The product of (the KWH sold to the F, P, and T rate consumers divided by the total KWH sold to all consumers) times the total power supply costs;

Where:

The KWH sold to the F, P, and T rate consumers shall be the energy in kilowatt hours sold to the F, P, and T rate consumers during the period in which the power was purchased or generated by the Peabody Municipal Light Plant; and,

The total KWH sold to all consumers shall be the total energy in kilowatt hours sold to all consumers during the period in which the power was purchased or generated by the Peabody Municipal Light Plant; and,

The total power supply costs shall be the sum of money paid, net, for sources of power plus the actual cost of fuel consumed in Peabody Municipal Light Plant's generating facilities.

#### DEMAND PORTION OF POWER SUPPLY AND FUEL COST:

The power supply and fuel cost to be recovered in the demand portion of F, P, and T rate consumers bills shall be equal to:

The total number of kilowatts billed to F, P, and T rate consumers during the period in which the power was purchased or generated by the Peabody Municipal Light Plant times \$8.63.

#### ENERGY PORTION OF POWER SUPPLY AND FUEL COST

The power supply and fuel cost to be recovered in the energy portion of F, P, and T rate consumers bills shall be equal to:

The difference between the total power supply and fuel cost recovered in the F, P, and T rate as described above, and the power supply and fuel cost recovered in the demand portion of the F, P, and T rates as described above.

#### AVERAGE POWER SUPPLY AND FUEL COST

The average power supply and fuel cost shall be calculated as follows:

The energy portion of the power supply and fuel cost as described above divided by the sum of all energy sold to the F, P, and T rate consumers in kilowatt hours, during the period in which the power was purchased or generated by the Peabody Municipal Light Plant.

The average cost shall be calculated to the nearest 100th mill (\$0.00001), and the adjustment shall be the excess or deficiency, to the nearest one hundredth mill, above or below the standard rate base.

DISCOUNT NOT APPLICABLE:

The Prompt Payment Discount Clause shall not be applicable to the Purchased Power and Fuel Cost Adjustment.

EFFECTIVE: May 1, 2010 BILLING.

DATE ISSUED: April 21, 2010.

FILED BY:


Peabody Municipal Lighting Commission

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

MAYOR

MANAGER ELECTRIC LIGHT

COMMISSIONERS

  
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SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH  
MASSACHUSETTS MUST BE PROPERLY SWORN TO

DATE

7/14/14

Then personally appeared

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\_\_\_\_\_  
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and severally made oath to the truth of the foregoing statement by them subscribed according to their best knowledge and belief.

Notary Public

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